

Please type a plus sign (+) inside this box → ☐

PTO/SB/01 (12-97)

Approved for use through 9/30/00. OMB 0651-0032

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION</b> (37 CFR 1.63)	Attorney Docket Number	Pur-63/7SP:US		
	First Named Inventor	Eva SEVICK-MURACA		
	<b>COMPLETE IF KNOWN</b>			
	Application Number	/		
	Filing Date			
	Group Art Unit			
<input checked="" type="checkbox"/> Declaration Submitted with Initial Filing <i>unsigned</i>	OR	<input type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)	Examiner Name	

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

PARTICLE ANALYSIS SYSTEM AND METHOD

the specification of which

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY) 11/07/1997 as United States Application Number or PCT International Application Number US97/20539 and was amended on (MM/DD/YYYY) 01/22/99 (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
08/747112	US	11/08/1996	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
US97/20539	PCT	11/07/1997	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.
60/050,809	06/26/1997	

(Page 1 of 2)

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

510 d'd PCT/PTO 07 MAY 1999

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## DECLARATION — Supplemental Priority Data Sheet

**Additional foreign applications:**

[illegible]

**Additional provisional applications:**

Application Number	Filing Date (MM/DD/YYYY)

**Additional U.S. applications:**

U.S. Parent Application Number	PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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## DECLARATION — Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)
60/050,809	06/26/1997	
08/747,112	11/08/1996	
PCT/US97/20539	11/07/1997	

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

☐ Customer Number

OR

☒ Registered practitioner(s) name/registration number listed below

Place Customer  
Number Bar Code  
Label here

Name	Registration Number	Name	Registration Number
L. Scott PAYNTER	#39,797		

☒ Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to: ☐ Customer Number or Bar Code Label ☒ Correspondence address below

Name	L. Scott PAYNTER at Woodard, Emhardt, Naughton, Moriarty & McNett				
Address	Bank One Center/Tower, Suite 3700				
Address	111 Monument Circle				
City	Indianapolis	State	IN	ZIP	46204
Country	US	Telephone	317-634-3456	Fax	317-637-7561


I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:

☐ A petition has been filed for this unsigned inventor

Given Name (first and middle (if any))		Family Name or Surname	
Eva		Sevick-Muraca	
Inventor's Signature	Date		
Residence: City	Lafayette	State	IN
		Country	US
Post Office Address	7650 E. 100 North		
Post Office Address	Lafayette, Indiana 47905 US		
City	Lafayette	State	IN
		ZIP	47905
		Country	US

☒ Additional inventors are being named on the \_\_\_\_\_ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto

Please type a plus sign (+) inside this box → PTO/SB/02A (3-97)  
Approved for use through 9/30/98. OMB 0651-0032  
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
## DECLARATION

ADDITIONAL INVENTOR(S)  
Supplemental Sheet  
Page 1 of 2

Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))				Family Name or Surname			
Joseph				Pierce			
Inventor's Signature				Date			
Residence: City	Appleton	State	WI	Country	US	Citizenship	US
Post Office Address	116 E. Glendale Avenue						
Post Office Address	Appleton, Wisconsin 54911						
City	Appleton	State	WI	ZIP	54911	Country	US
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))				Family Name or Surname			
Steven				Richter			
Inventor's Signature				Date			
Residence: City	Brunswick	State	GA	Country	US	Citizenship	US
Post Office Address	16 Queens Court						
Post Office Address	Brunswick, Georgia 31523 US						
City	Brunswick	State	GA	ZIP	31523	Country	US
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))				Family Name or Surname			
Rajesh				Shinde			
Inventor's Signature				Date			
Residence: City	West Lafayette	State	IN	Country	US	Citizenship	IN
Post Office Address	180 Burke Court #312						
Post Office Address	West Lafayette, Indiana 47906						
City	West Lafayette	State	IN	ZIP	47906	Country	US

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+  
A petition has been filed for this unsigned inventor

## DECLARATION

ADDITIONAL INVENTOR(S)  
Supplemental Sheet  
Page 2 of 2

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle (if any))				Family Name or Surname			
Ganesh				Baldi			
Inventor's Signature						Date	
Residence: City	Lebanon	State	IN	Country	US	Citizenship	IN
Post Office Address	246 Longley Drive						
Post Office Address	Lebanon, Indiana 46052 US						
City	Lebanon	State	IN	ZIP	46052	Country	US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle (if any))				Family Name or Surname			
Jeffrey				Kao			
Inventor's Signature						Date	
Residence: City	Lake Jackson	State	TX	Country	US	Citizenship	US
Post Office Address	301 Huckleberry Drive						
Post Office Address	Lake Jackson, Texas 77566 US						
City	Lake Jackson	State	TX	ZIP	77566	Country	US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle (if any))				Family Name or Surname			
Huabei				Jiang			
Inventor's Signature						Date	
Residence: City	Clemson	State	SC	Country	US	Citizenship	CN
Post Office Address	45 Bradley Street						
Post Office Address	Clemson, South Carolina 29631						
City	Clemson	State	SC	ZIP	29631	Country	US

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A/0581-40



09/29/87  
510 P-3d PCT/PTO 07 MAY 1999

UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

MAY 12, 1997

PTAS

WOODARD, EMHARDT, NAUGHTON ET AL  
L. SCOTT PAYNTER  
BANK ONE CENTER/TOWER  
111 MONUMENT CIRCLE, SUITE 3700  
INDIANAPOLIS, IN 46204



\*100382300A\*

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/17/1997

REEL/FRAME: 8408/0929  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

PIERCE, JOSEPH

DOC DATE: 02/24/1997

ASSIGNEE:

PURDUE RESEARCH FOUNDATION  
1650 TECHNOLOGY TRANSFER  
ROOM 328 ENAD  
WEST LAFAYETTE, INDIANA 47907-1650

SERIAL NUMBER: 08747112  
PATENT NUMBER:

FILING DATE: 11/08/1996  
ISSUE DATE:

MAYA BENNETT, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

RECEIVED

MAY 20 1997

Woodard, Emhardt, Naughton,  
McNert & McNert

04-02-1997

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Patent and Trademark Office  
MAR 17 1997  
REGISTRATION DIV  
d the attached original documents or copy thereof.



100382300

Tab settings 000  
To the Honorable Commissioner

1. Name of conveying party(ies):  
Joseph Pierce

Additional name(s) of conveying party(ies) attached? ☒ Yes ☐ No

3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: February 24, 1997

2. Name and address of receiving party(ies)

Name: Purdue Research Foundation  
Internal Address: 1650 Technology Transfer  
Room 328 ENAD  
West Lafayette, IN 47907-1650  
Street Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)  
08/747,112

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

Name and address of party to whom correspondence concerning document should be mailed:

Name: L. Scott Paynter  
Internal Address: Woodard, Emhardt, Naughton  
Moriarty & McNett  
Street Address: Bank One Center/Tower  
111 Monument Circle, Suite 3700  
City: Indianapolis State: Indiana ZIP: 46204

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00  
☒ Enclosed  
☐ Authorized to be charged to deposit account

8. Deposit account number:  
23-3030

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Statement and signature.  
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

L. Scott Paynter  
Name of Person Signing

L. Scott Paynter Reg. No. 39,797  
Signature

March 11, 1997  
Date

Total number of pages including cover sheet, attachments, and document: 3



## ASSIGNMENT

WHEREAS, Eva Sevick-Muraca, Joseph Pierce, Huabei Jiang and Jeffrey Kao, respectively, hereinafter referred to as Assignors, have made a new and useful invention in a PARTICLE ANALYSIS SYSTEM AND METHOD for which Assignors have made or will make application for Letters Patent of the United States; and

WHEREAS, Purdue Research Foundation, hereinafter referred to as Assignee, a corporation of the State of Indiana having a principal place of business at 1650 Engineering Administration Building, Room 328 ENAD, West Lafayette, IN 47907 desires to acquire all of the entire right, title, and interest in, to and under said invention disclosed, described and claimed or intended so to be in said application, and in, to and under said application, and in, to and under any and all Letters Patent, United States and foreign, which may be obtained therefor and thereon;

NOW, THEREFORE, to all whom it may concern, effective as of November 8, 1996, be it known that for and in consideration of the sum of One Dollar (\$1.00) and other good, valuable and sufficient considerations to Assignors in hand paid, the receipt of which is hereby acknowledged, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto Assignee, all of the entire right, title, and interest in, to and under said invention disclosed, described and claimed or intended so to be in application for United States Letters Patent, Serial No. 08/747,112, filed November 8, 1996, and any and all other applications thereon and arising therefrom, including any and all divisions and continuations thereof, and any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof.

Assignors hereby authorize and request the Honorable Assistant Secretary and Commissioner of Patents and Trademarks to issue said Letters Patent to Assignee, its assigns and legal representatives.

Assignors agree to sign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said invention in this and all foreign countries for the use of Assignee.

09/297895

510 Rec'd PCT/PTO 07 MAY 1999

WITNESS Assignors' hands this 24th day of February, 1997.

Joseph E. Pierce  
Joseph Pierce

STATE OF Indiana )  
COUNTY OF Tippecanoe ) SS:

Before me, a Notary Public, in and for said County and State, personally appeared the above-named Assignors, to me personally known, and who executed the foregoing Assignment in my presence and acknowledged the execution thereof as their free and voluntary act and deed for the uses and purposes therein set forth and expressed.

Deanna R. Pass  
Notary Public

Printed: Deanna R. Pass

My Commission Expires: 8/9/97

Resident of White County

A/D58F-40



7024-117  
UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
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Washington, D.C. 20231

MAY 12, 1997

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L. SCOTT PAYNTER  
BANK OF CENER/TOWER  
111 MONUMENT CIRCLE, SUITE 3700  
INDIANAPOLIS, IN 46204



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RECORDATION DATE: 03/17/1997

REEL/FRAME: 8408/0907  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

KAO, JEFFREY

DOC DATE: 02/25/1997

ASSIGNEE:

PURDUE RESEARCH FOUNDATION  
1650 TECHNOLOGY TRANSFER, ROOM 328 ENAD  
WEST LAFAYETTE, INDIANA 47907-1650

SERIAL NUMBER: 08747112  
PATENT NUMBER:

FILING DATE: 11/08/1996  
ISSUE DATE:

Sevick - Musacca  
Pur - 63

SEDLEY PYNE, EXAMINER  
ASSIGNMENT DIVISION  
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Woodard, Emhardt, Naughton,  
Morley & McNett



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04-02-1997

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Patent and Trademark Office

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To the Honorable Commissioner of P.



100382299

Attached original documents or copy thereof.

Address of receiving party(ies)

1. Name of conveying party(ies):

Jeffrey Kao

Additional name(s) of conveying party(ies) attached? ☒ Yes ☐ No

Name: Purdue Research Foundation

Internal Address: 1650 Technology Transfer

Room 328 ENAD

West Lafayette, IN 47907-1650

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other \_\_\_\_\_

Execution Date: February 25, 1997

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)

08/747,112

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: L. Scott Paynter

Internal Address: Woodard, Emhardt, Naughton

Moriarty & McNett

Street Address: Bank One Center/Tower

111 Monument Circle, Suite 3700

City: Indianapolis State: Indiana ZIP: 46204

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

☒ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit account number:

23-3030

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

L. Scott Paynter

Name of Person Signing

L. Scott Paynter

Signature

Reg. No. 39,747

1581

03/31/97

40.00 CR

March 11, 1997

Date

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

## ASSIGNMENT

WHEREAS, Eva Seveck-Muraca, Joseph Pierce, Huabei Jiang and Jeffrey Kao, respectively, hereinafter referred to as Assignors, have made a new and useful invention in a PARTICLE ANALYSIS SYSTEM AND METHOD for which Assignors have made or will make application for Letters Patent of the United States; and

WHEREAS, Purdue Research Foundation, hereinafter referred to as Assignee, a corporation of the State of Indiana having a principal place of business at 1650 Engineering Administration Building, Room 328 ENAD, West Lafayette, IN 47907 desires to acquire all of the entire right, title, and interest in, to and under said invention disclosed, described and claimed or intended so to be in said application, and in, to and under said application, and in, to and under any and all Letters Patent, United States and foreign, which may be obtained therefor and thereon;

NOW, THEREFORE, to all whom it may concern, effective as of November 8, 1996, be it known that for and in consideration of the sum of One Dollar (\$1.00) and other good, valuable and sufficient considerations to Assignors in hand paid, the receipt of which is hereby acknowledged, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto Assignee, all of the entire right, title, and interest in, to and under said invention disclosed, described and claimed or intended so to be in application for United States Letters Patent, Serial No. 08/747,112, filed November 8, 1996, and any and all other applications thereon and arising therefrom, including any and all divisions and continuations thereof, and any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof.

Assignors hereby authorize and request the Honorable Assistant Secretary and Commissioner of Patents and Trademarks to issue said Letters Patent to Assignee, its assigns and legal representatives.

Assignors agree to sign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said invention in this and all foreign countries for the use of Assignee.

61 ec'd PCT/PTO 07 MAY 1999

WITNESS Assignors' hands this 25 day of February, 1999.

Jeffrey Kao  
Jeffrey Kao

STATE OF Texas )  
COUNTY OF Brazoria ) SS:

Before me, a Notary Public, in and for said County and State, personally appeared the above-named Assignors, to me personally known, and who executed the foregoing Assignment in my presence and acknowledged the execution thereof as their free and voluntary act and deed for the uses and purposes therein set forth and expressed.

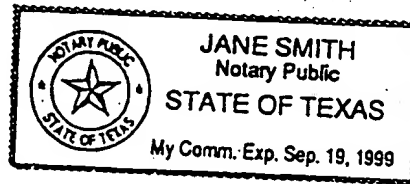
Jane Smith  
Notary Public

Printed: Jane Smith

My Commission Expires:

9-19-99

Resident of Brazoria County



A/DS81-40



510 Rec'd CT/PTO 09/297895  
07 MAY 1999  
UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

MAY 12, 1997

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WOODARD, EMHARDT, NAUGHTON, ET AL.  
L. SCOTT PAYNTER  
BANK ONE CENTER/TOWER  
111 MONUMENT CIRCLE, SUITE 3700  
INDIANAPOLIS, INDIANA 46204



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RECORDATION DATE: 03/17/1997

REEL/FRAME: 8409/0942  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

SEVICK-MURACA, EVA

DOC DATE: 02/19/1997

ASSIGNOR:

JIANG, HUABEI

DOC DATE: 02/19/1997

ASSIGNEE:

PURDUE RESEARCH FOUNDATION  
1650 TECHNOLOGY TRANSFER  
ROOM 328 ENAD  
WEST LAFAYETTE, INDIANA 47907-1650

SERIAL NUMBER: 08747112  
PATENT NUMBER:

FILING DATE: 11/08/1996  
ISSUE DATE:

SHIRLIE SIMON, EXAMINER  
ASSIGNMENT DIVISION  
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MAY 19 1997

Woodard, Emhardt, Naughton,  
Monerly & McNeill

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To the Honorable Commissioner of Patents and Trademarks

1. Name of conveying party(ies):  
Eva Sevick-Muraca  
  
Huabei Jiang  
  
Additional name(s) of conveying party(ies) attached? ☒ Yes ☐ No

2. Name: Address of receiving party(ies)  
Name: Purdue Research Foundation  
Internal Address: 1650 Technology Transfer  
Room 328 ENAD  
West Lafayette, IN 47907-1650  
Street Address:  
City: State: ZIP:  
Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:  
☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other  
Execution Date: February 19, 1997

4. Application number(s) or patent number(s):  
If this document is being filed together with a new application, the execution date of the application is:  
A. Patent Application No.(s)  
08/747,112  
B. Patent No.(s)  
Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: L. Scott Paynter  
Internal Address: Woodard, Emhardt, Naughton  
Moriarty & McNett  
Street Address: Bank One Center/Tower  
111 Monument Circle, Suite 3700  
City: Indianapolis State: Indiana ZIP: 46204

6. Total number of applications and patents involved: 1  
7. Total fee (37 CFR 3.41) \$ 40.00  
☒ Enclosed  
☐ Authorized to be charged to deposit account  
8. Deposit account number:  
23-3030

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Statement and signature.  
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.  
L. Scott Paynter  
Name of Person Signing  
Signature  
Total number of pages including cover sheet, attachments, and document: 4  
Date: March 11, 1997



## ASSIGNMENT

WHEREAS, Eva Sevick-Muraca, Joseph Pierce, Huabei Jiang and Jeffrey Kao, respectively, hereinafter referred to as Assignors, have made a new and useful invention in a PARTICLE ANALYSIS SYSTEM AND METHOD for which Assignors have made or will make application for Letters Patent of the United States; and

WHEREAS, Purdue Research Foundation, hereinafter referred to as Assignee, a corporation of the State of Indiana having a principal place of business at 1650 Engineering Administration Building, Room 328 ENAD, West Lafayette, IN 47907 desires to acquire all of the entire right, title, and interest in, to and under said invention disclosed, described and claimed or intended so to be in said application, and in, to and under said application, and in, to and under any and all Letters Patent, United States and foreign, which may be obtained therefor and thereon;

NOW, THEREFORE, to all whom it may concern, effective as of November 8, 1996, be it known that for and in consideration of the sum of One Dollar (\$1.00) and other good, valuable and sufficient considerations to Assignors in hand paid, the receipt of which is hereby acknowledged, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto Assignee, all of the entire right, title, and interest in, to and under said invention disclosed, described and claimed or intended so to be in application for United States Letters Patent, Serial No. 08/747,112, filed November 8, 1996, and any and all other applications thereon and arising therefrom, including any and all divisions and continuations thereof, and any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof.

Assignors hereby authorize and request the Honorable Assistant Secretary and Commissioner of Patents and Trademarks to issue said Letters Patent to Assignee, its assigns and legal representatives.

Assignors agree to sign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said invention in this and all foreign countries for the use of Assignee.

WITNESS Assignors' hands this 19th day of February, 1997.

Huabei Jiang  
Huabei Jiang

STATE OF Indiana )  
COUNTY OF Tippecanoe ) SS:

Before me, a Notary Public, in and for said County and State, personally appeared the above-named Assignors, to me personally known, and who executed the foregoing Assignment in my presence and acknowledged the execution thereof as their free and voluntary act and deed for the uses and purposes therein set forth and expressed.

Holly Ann Vedder  
Notary Public

Printed: Holly Ann Vedder

My Commission Expires:

July 16, 2000

Resident of Tippecanoe County

WITNESS Assignors' hands this 19th day of February, 1997.

Eva Sevlck-Muraca  
Eva Sevlck-Muraca

STATE OF Indiana )  
COUNTY OF Tippecanoe ) SS:

Before me, a Notary Public, in and for said County and State, personally appeared the above-named Assignors, to me personally known, and who executed the foregoing Assignment in my presence and acknowledged the execution thereof as their free and voluntary act and deed for the uses and purposes therein set forth and expressed.

Holly Ann Vedder  
Notary Public

Printed: Holly Ann Vedder

My Commission Expires:  
July 16, 2000

Resident of Tippecanoe County